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February 15, 2000

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Assistant Commissioner for Patents  
Washington, D.C. 20231

**Box Patent Application**

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: HERewith (February 15, 2000)  
For: **Compounds Modulating Sister Chromatid Separation and Method for  
Identifying Same**  
Inventors: Frank UHLMANN; Kim NASMYTH; Jan-Michael PETERS;  
Irene WAIZENEGGER; Sara BUONOMO; Rosemary CLYNE  
Our Ref: 0652.2040000/REF

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. U.S. Utility Patent Application entitled:

Compounds Modulating Sister Chromatid Separation and Method for Identifying  
Same

and naming as inventors:

Frank UHLMANN;  
Kim NASMYTH;  
Jan-Michael PETERS;  
Irene WAIZENEGGER;  
Sara BUONOMO; and  
Rosemary CLYNE

jc598 U.S. PTO  
09/500991  
02/15/00

jc714 U.S. PTO  
02/15/00

0652.2040000.02.15.00

Assistant Commissioner for Patents  
February 15, 2000  
Page 2

And claiming priority to EP 99 102 962.0, filed February 15, 1999 and U.S.  
Provisional Patent Application No. 60/126,767, filed March 3, 1999;

the application comprising a total of 48 pages:

a. A specification containing:

- (i) 45 pages of description prior to the claims;
- (ii) 2 pages of claims (16 claims);
- (iii) a one (1) page abstract;

b. 24 sheets of drawings (Figures 1a; 1b, 2; 3a,b; 3c,d; 4a; 4b,c; 4d; 5a,b;  
6a,b; 7a,b; 8; 9a; 9b; 10a; 10b; 11a; 11b; 11c; 11d;  
12a; 12b; 13, and 14);

- 2. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
- 3. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An  
Extension of Time (in duplicate); and
- 4. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the  
filing date of these documents and returned to our courier, and the other, prepaid postcard, be  
stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration  
and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Raz E. Fleshner  
Attorney for Applicants  
Registration No. 34,331

REF/neh  
Enclosures

005120" T660560

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR § 1.53(b))		<b>Attorney Docket No.</b> 0652.2040000/REF
<b>First Inventor or Application Identifier</b> Uhlmann et al.		<b>Title</b> Compounds Modulating Sister Chromatid Separation and Method for Identifying Same
<b>Express Mail Label No.</b>		

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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|---|---|
| <p>1. <input type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <u>48</u> ]<br/>(preferred arrangement set forth below)<br/>- Descriptive title of the Invention<br/>- Cross References to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to Microfiche Appendix<br/>- Background of the Invention<br/>- Brief Summary of the Invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C. 113) [Total Sheets <u>24</u> ]</p> <p>4. <input type="checkbox"/> <b>Oath or Declaration</b> [Total Pages <u>      </u> ]<br/>a. <input type="checkbox"/> Newly executed (original or copy)<br/>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)<br/>[Note Box 5 below]<br/>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> <b>Incorporation By Reference</b> (useable if Box 4b is checked)<br/>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)<br/>a. <input type="checkbox"/> Computer Readable Copy<br/>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br/>c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
|---|---|

**ACCOMPANYING APPLICATION PARTS**

- |   |
|---|
| 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |
| 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney   |
| 10. <input type="checkbox"/> English Translation Document (if applicable)   |
| 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations   |
| 12. <input type="checkbox"/> Preliminary Amendment  |
| 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  |
| 14. <input type="checkbox"/> *Small Entity Statement(s) (PTO/SB/09-12) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  |
| 16. <input checked="" type="checkbox"/> Other: 37 C.F.R. § 1.136(a)(3) Authorization (in duplicate)   |

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27). EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No:        /       

Prior application information: Examiner                      Group/Art Unit:                     

**18. CORRESPONDENCE ADDRESS**

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(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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<b>NAME (Print/Type)</b>	Raz E. Fleshner	<b>Registration No. (Attorney/Agent)</b>	34,331
<b>SIGNATURE</b>	<i>Raz E. Fleshner</i>	<b>Date</b>	February 15, 2000

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc598 U.S. PTO  
09/500991  
02/15/00

In re application of:

Uhlmann *et al.*

Appl. No. To be assigned

Filed: HERewith (February 15, 2000)

For: **Compounds Modulating Sister  
Chromatid Separation and  
Method for Identifying Same**

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 0652.2040000/REF

**Authorization To Treat A Reply As Incorporating An Extension Of Time  
Under 37 C.F.R. § 1.136(a)(3)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Raz E. Fleshner  
Attorney for Applicants  
Registration No. 34,331

Date: February 15, 2000

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